

THE FMSB NEWSLETTER

Volume 26

<http://www.nnsy1.navy.mil/FMSB>

February 2005

Quality Maintenance Course

Art Castleberry

FMSB issued the Quality Maintenance Course (QMC) to the Submarine Type Commanders in August 2004. Trident Training Facility, Kings Bay completed a pilot presentation of the course in early February 2005. The Submarine Learning Center currently plans to issue the course to its training commands in March 2005.

FMSB currently presents the QMC to AIRLANT commands once a quarter. LCDR Young at (757) 444-7459 or LCDR Kenney at (757) 444-6882 maintains quotas for the AIRLANT training. The next QMC class is June 6-17 and then September 12-23. Please contact AIRLANT if interested in attending one of the classes.

Revision "A" to the Quality Maintenance Course will be issued in late February 2005. For questions related to the QMC, contact Art Castleberry at (757) 393-7039 or by e-mail at CastleberryAD@nnsy.navy.mil.

Current Supervisor

Jamie Gardner

Phil Doyle is currently the acting Branch Supervisor for FMSB. In his absence Tim Tew will be running the show. Any question, comments, or concerns on a supervisory level please contact Phil at DoylePJ@nnsy.navy.mil or (757) 393-7141 or Tim at TewTN@nnsy.navy.mil or (757) 393-7140.

Steam Valve Repair

Charlie Simpson

Standard Navy valves manufactured to NAVSEA Drawing 803-2177525 maintain fluid containment by means of a spiral wound gasket between the body and bonnet of the valve. Satisfactory gasket compression is dependant on maintaining a fixed gap between the body counterbore depth and the bonnet tongue height. The body counterbore depths and bonnet tongue heights are specified on the above drawing.

Repairs of the body to bonnet gasket seating surface are performed using the Kit-Secondary Valve Counterbore Refurb for 1/4" to 2" Valves to NAVSEA Drawing 820-7348211, Reference Drawing 107. This tooling is designed to remove rust, scale and surface defects and reestablish a concentric surface finish on the gasket-sealing surface. Instructions for use of the tooling are provided in NAVSEA 0948-LP-012-5000, STANDARD NAVY VALVES, Appendix 4/B.

Appendix 4/B, section 4/B.1.9.2 identifies that maximum body counterbore depth or minimum bonnet tongue height may be exceeded during the use of the repair tooling. Chapter 4 paragraph 4.1.8.3 authorizes exceeding the drawing requirements for body counterbore and tongue height provided that the design fixed gasket compression requirement of Step 3 in the repair procedure is not exceeded.

FMSB recommends measuring the body counterbore depth and bonnet tongue height before and after repairs to ensure that the fixed compression requirement is met. FMSB offers valve gasket sealing surface repair training in the Propulsion Plant Trades Skill course and Exportable Training offered to ships. POC: Charlie Simpson at (757) 393-7144 or SimpsonCR@nnsy.navy.mil.

Dept Hd __ Div Hd __ Supv/LCPO __ TRG/QA __ 38N/RM/M-DIV __ Planning __ File __

Recently Completed Training

Jamie Gardner

FMSB has conducted the following training:

- ✦ **AIRLANT Units, Norfolk Area, Jan 10-21, PVO Train-the-Trainer.** Trained and certified 10 personnel from **USS ENTERPRISE CVN 65** and **USS GEORGE WASHINGTON CVN 73**.
- ✦ **AIRLANT Units, Norfolk Area, Jan 10-21, Just-in-Time Four-Inch Primary Valve Training.** Trained 16 personnel from **USS GEORGE WASHINGTON CVN 73** on Four-Inch Valve operations.
- ✦ **SUBPAC Units, San Diego Area, February 28-March 11, PVO Train-the-Trainer.** Trained and certified two instructors at Submarine Learning Center, San Diego Detachment.
- ✦ **SUBLANT Units, Kings Bay Area, Jan. 30- Feb 1, Observed pilot Quality Maintenance Course** given by Trident Training Facility, Kings Bay.
- ✦ **Propulsion Plant Trades Skill Course 05-2, February 7-18.** Graduated 11 students attached to AIRLANT commands including CVN 65, CVN 73, and CVN 69.
- ✦ **AIRLANT Units, Norfolk Area, Febraury 7, Just-in-Time training for USS Enterprise CVN 65** for valve lapping and gasket seating surface repair.

For information on scheduling training with Fleet Maintenance Support Branch, contact Jamie Gardner at (757)-393-7042 or by email GardnerJM@nnsy.navy.mil.

Student Check In

Jamie Gardner

Personnel who will be attending an FMSB course at Norfolk Naval Shipyard should visit our website www.nnsy1.navy.mil/FMSB for check-in procedures, directions, and other useful information. Also, students attending schools at NNSY are required by their orders to contact us before arrival. The points of contact are Michelle Ambrose at (757) 393-7150 or Jamie Gardner at (757) 393-7042.

Upcoming Training

Jamie Gardner

FMSB is scheduled to perform the following training:

- ✦ **SUBLANT Units, New London Area, March 21-April 1, PVO Train-the-Trainer.** LT Eversole (860) 694-3296
- ✦ **USS JOHN F. KENNEDY, April 4-8, Operational Unit Training.** Topics: Format I, Format II, FWP Change and Revisions, Non-Nuclear Controlled Material, Precision Measuring and Audits. POC: LT Argillander

For information on scheduling training with Fleet Maintenance Support Branch, contact Jamie Gardner at (757)-393-7042 or by email GardnerJM@nnsy.navy.mil.

Welcome Aboard

Jamie Gardner

FMSB would like to welcome Tim Queen to our organization. Tim has recently retired from active duty. He brings with him 22 years of nuclear propulsion plant operation and repair experience. His last assignment was ISIC Quality Assurance Officer for Submarine Squadrons One, Three, and Seven in Pearl Harbor. He is assigned as a QAOC Instructor.

He can be reached at QueenCT@nnsy.navy.mil or (757) 393-7044. Tim's fax number is (757) 393-7120.

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Previous issues or articles are available by visiting the FMSB WebSite or contacting FMSB by phone or e-mail. (POC: Jamie Gardner (757) 393-7042 or GardnerJM@nnsy.navy.mil .)	

Changes in PVO

Jamie Gardner

There have been many changes in Primary Valve Operations with the implementation of the new revision of the Engineering Department Manual (EDM) and Revision 69 of Standard Navy Nuclear Valves and Auxiliary Equipment (SNNV). This article will highlight some to the changes.

A major change in the EDM is in the performance of valve lineups. The EDM also addresses the requirements for additional PVO training before yard periods. It is recommended that all activities rev the EDM for new requirements.

Big changes have also been noted in the SNNV manual. First, there are new requirements for lubrication of o-rings and seating surfaces. There are also changes in the procedure for a stuck cap to allow more cap removal techniques.

Tooling for valve operations has really undergone a change. Cut-off wrenches have been replaced with combination wrenches. Torque wrenches with lights that have not been disabled are authorized. There is not a requirement to disable any lights or buzzers on torque wrenches and NAVSEA recommends using the lights/buzzers to aid in torquing components and valves. FMSB recommends that you verify your PVO tool lockers with each individual component chapter in the SNNV to ensure you have the proper tooling.

If there are any questions or concerns, please contact any of the PVO instructors at FMSB.

**NORFOLK NAVAL SHIPYARD
FLEET MAINTENANCE SUPPORT
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PORTSMOUTH VA 23709-5000
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(DSN 386-1185 + last five digits)**

Future Articles

Jamie Gardner

If you have a question and/or articles of interest for *The FMSB Newsletter*, please let us know. If necessary, FMSB will conduct the research. Request deadline for the next issue is June 1, 2005. Write, E-mail, or call FMSB.

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Chuck Davis - Trade Skills, Valve Repair,

DavisCE@nnsy.navy.mil. (757) 393-7185

Gerry Dodd - Quality Notes, Freeze Seals, Training Valves, Mock-ups, **DoddGA@nnsy.navy.mil, (757) 393-7125**

Mike Dodson - SubSafe, Testing,

DodsonME@nnsy.navy.mil (757) 393-7134

Phil Doyle - Technical Manuals and Drawings, PVO

DoylePJ@nnsy.navy.mil. (757) 393-7141

Butch Estridge - Trade Skills, valve replacement,

fitting pipe, Basic Trade Skill Lesson Plans

EstridgeMC@nnsy.navy.mil. (757) 393-7186

Jamie Gardner - On-site Training and Sponsorship,

GardnerJM@nnsy.navy.mil, (757) 393-7042

John Henderson - Valve Repair, PVO, Trade Skills,

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Ken Korpanty - Cutting Tools, Mockups

KorpantyKR@nnsy.navy.mil (757) 393-7112

Al Pendleton - LARs, Plant Conditions and Effluent Collection

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Tim Queen – QAOC

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Mark Rice - Trade Skills, valve replacement, pipe

fitting, Basic Trade Skill Lesson Plans

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Andrew Reutt- Trades Skills, valve repair

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Charlie Simpson- Valve repair, system inspection/repair

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Jeff Smith – Controlled Material, Trade Skills, valve replacement, pipe fitting

SmithJEA@nnsy.navy.mil, (757) 393-7193

Tim Tew - FWP/CWPs, ShipAlts, JFMM

TewTN@nnsy.navy.mil. (757) 393-7140

Sheila Tucker – Vault Custodian and Technical Manuals

TuckerSR@nnsy.navy.mil. (757) 393-7020

When contacting FMSB by e-mail, send the e-mail to two or more people. That way if someone is on leave or travel, another person can contact you.

DETAILERS

Detailer information is provided to assist in obtaining billets for FMSB scheduled courses.

Nuclear Planners Course (NPC)

CANTRAC S-661-1022: MMCS (SS) Ciko
michael.ciko@navy.mil, (901) 874-3627, DSN 882-3627.

Nuclear Trade Skills Course (NTSC)

CANTRAC S-661-1025: MM1 (SS) Richmond
brian.richmond@navy.mil, (901) 874-3628, DSN 882-3628.

Quality Assurance Officers Course (QAOC)

CANTRAC S-4H-0001: LCDR Jeff Pafford
jeffrey.pafford@navy.mil, (901) 874-3945, DSN 882-3945, Fax (901)874-2648.

Propulsion Plant Trade Skills Course (PPTSC)

CANTRAC S-661-1026 MMC (SW) Mendez,
michael.mendez@navy.mil, (901) 874-3632, DSN 882-3632.

NNSY CODE 138 WELDING & NDT

Tom Metger- NDT

MetgerTG@nnsy.navy.mil (757) 396-5510/5579

Jerry McKnight - Welding, NDT, LGI,

McknightJB@nnsy.navy.mil (757) 393-7113

Jim McNabb - NDT,

McNabbJP@nnsy.navy.mil (757) 396-5510/5579

Chris Wray - NDT,

WrayRC@nnsy.navy.mil (757) 396-5510/5579

FMSB COURSE SCHEDULE

Propulsion Plant Trade Skills Course

PPTSC 05-2 02 May – 13 May 05

PPTSC 05-3 06 Jun – 17 Jun 05

PPTSC 05-4 11 Jul - 22 Jul 05

PPTSC 05-5 15 Aug – 26 Aug 05

Nuclear Planners Course

NPC 05-2 25 Jul - 26 Aug 05

NPC 06-1 24 Jul-25 Aug 06

Quality Assurance Officers Course

QAOC 05-2 18 Apr-19 May 05

QAOC 06-1 03 Oct-04 Nov 05

QAOC 06-2 17 Apr-18 May 06

Nuclear Trade Skills Course

NTSC 05-2 07 Mar - 15 Apr 05

NTSC 06-1 03 Oct-15 Nov 05

NTSC 06-2 06 Mar-14 Apr 06

These courses are Detailer controlled. Contact the applicable Detailer listed in this Newsletter to obtain a billet for these courses.